

ABSTRACT OF THE DISCLOSURE

A radiating appliance consisting of a plurality of heat-transfer tubes, radiators, and a heat-transfer plate is processed in a method including the following steps: position the heat-transfer tubes in grooves formed in a recess on one radiator; position the heat-transfer plate in front of the recess to locate above the heat-transfer tubes; and drive a heated flat pressure plate to press the heat-transfer plate into the recess and flatten the heat-transfer tubes, as well as melt paste tin positioned in the grooves below the heat-transfer tubes, so that the heat-transfer tubes and the radiator have increased contact area between them, and the molten paste tin firmly bonds the heat-transfer tubes, the radiator, and the heat-transfer plate to one another to form the radiating appliance.